

Blood Test Data

Patient 1 Adult Male

Blood Component	Test Result	Normal Values
White Blood Cell (WBC) Count	5600 cells/ μ L	4,500-10,000 cells / μ L
Red Blood Cell (RBC) Count	6.4 million cells/ μ L	Males 4.7 to 6.1 million cells/ μ L Females 4.2 to 5.4 million cells/ μ L
Hematocrit	52%	Males: 40.7 to 50.3% Females: 36.1 to 44.3%
Hemoglobin (Hb)	8.4 g/dL	Males: 13.8 to 17.2 g/dL Females: 12.1 to 15.1 g/dL
Mean Corpuscular Volume (MCV)	64 fL	80 to 95 fL
MCV:RBC ratio	11	
RDW (RBC distribution width)	normal	
Total Iron Binding Capacity (TIBC)	280 μ g/dL	240 to 450 μ g/dL
Serum ferritin concentration	75 ng/mL	30-300 ng/mL

Patient 2 Adult Female

Blood Component	Test Result	Normal Values
White Blood Cell (WBC) Count	4700 cells/ μ L	4,500-10,000 cells / μ L
Red Blood Cell (RBC) Count	5.2 million cells/ μ L	Males 4.7 to 6.1 million cells/ μ L Females 4.2 to 5.4 million cells/ μ L
Hematocrit	44%	Males: 40.7 to 50.3% Females: 36.1 to 44.3%
Hemoglobin (Hb)	11.5 g/dL	Males: 13.8 to 17.2 g/dL Females: 12.1 to 15.1 g/dL
Mean Corpuscular Volume (MCV)	70 fL	80 to 95 fL
MCV:RBC ratio	12	
RDW (RBC distribution width)	normal	
Total Iron Binding Capacity (TIBC)	320 μ g/dL	240 to 450 μ g/dL
Serum ferritin concentration	62 ng/mL	30-300 ng/mL

Patient 3 Adult Female

Blood Component	Test Result	Normal Values
White Blood Cell (WBC) Count	8700 cells/ μ L	4,500-10,000 cells / μ L
Red Blood Cell (RBC) Count	3.7 million cells/ μ L	Males 4.7 to 6.1 million cells/ μ L Females 4.2 to 5.4 million cells/ μ L
Hematocrit	32%	Males: 40.7 to 50.3% Females: 36.1 to 44.3%
Hemoglobin (Hb)	9.4 g/dL	Males: 13.8 to 17.2 g/dL Females: 12.1 to 15.1 g/dL
Mean Corpuscular Volume (MCV)	68 fL	80 to 95 fL
MCV:RBC ratio	15	
RDW (RBC distribution width)	high	
Total Iron Binding Capacity (TIBC)	480 μ g/dL	240 to 450 μ g/dL
Serum ferritin concentration	11 μ g/dL	30-300 ng/mL

Patient 4 Adult Male

Blood Component	Test Result	Normal Values
White Blood Cell (WBC) Count	6500 cells/ μ L	4,500-10,000 cells / μ L
Red Blood Cell (RBC) Count	4.2 million cells/ μ L	Males 4.7 to 6.1 million cells/ μ L Females 4.2 to 5.4 million cells/ μ L
Hematocrit	53 %	Males: 40.7 to 50.3% Females: 36.1 to 44.3%
Hemoglobin (Hb)	12.5 g/dL	Males: 13.8 to 17.2 g/dL Females: 12.1 to 15.1 g/dL
Mean Corpuscular Volume (MCV)	72 fL	80 to 95 fL
MCV:RBC ratio	12	
RDW (RBC distribution width)	normal	
Total Iron Binding Capacity (TIBC)	350 μ g/dL	240 to 450 μ g/dL
Serum ferritin concentration	81 ng/mL	30-300 ng/mL

Patient 5 Adult Female

Blood Component	Test Result	Normal Values
White Blood Cell (WBC) Count	4800 cells/ μ L	4,500-10,000 cells / μ L
Red Blood Cell (RBC) Count	5.4 million cells/ μ L	Males 4.7 to 6.1 million cells/ μ L Females 4.2 to 5.4 million cells/ μ L
Hematocrit	46%	Males: 40.7 to 50.3% Females: 36.1 to 44.3%
Hemoglobin (Hb)	10.8 g/dL	Males: 13.8 to 17.2 g/dL Females: 12.1 to 15.1 g/dL
Mean Corpuscular Volume (MCV)	64 fL	80 to 95 fL
MCV:RBC ratio	11	
RDW (RBC distribution width)	normal	
Total Iron Binding Capacity (TIBC)	320 μ g/dL	240 to 450 μ g/dL
Serum ferritin concentration	60 ng/mL	30-300 ng/mL

Patient 6 Adult Female

Blood Component	Test Result	Normal Values
White Blood Cell (WBC) Count	6400 cells/ μ L	4,500-10,000 cells / μ L
Red Blood Cell (RBC) Count	5.6 million cells/ μ L	Males 4.7 to 6.1 million cells/ μ L Females 4.2 to 5.4 million cells/ μ L
Hematocrit	45 %	Males: 40.7 to 50.3% Females: 36.1 to 44.3%
Hemoglobin (Hb)	10.8 g/dL	Males: 13.8 to 17.2 g/dL Females: 12.1 to 15.1 g/dL
Mean Corpuscular Volume (MCV)	68 fL	80 to 95 fL
MCV:RBC ratio	11	
RDW (RBC distribution width)	normal	
Total Iron Binding Capacity (TIBC)	380 μ g/dL	240 to 450 μ g/dL
Serum ferritin concentration	61 ng/mL	30-300 ng/mL

Patient 7 Adult Male

Blood Component	Test Result	Normal Values
White Blood Cell (WBC) Count	11,000 cells/ μ L	4,500-10,000 cells / μ L
Red Blood Cell (RBC) Count	4.2 million cells/ μ L	Males 4.7 to 6.1 million cells/ μ L Females 4.2 to 5.4 million cells/ μ L
Hematocrit	38%	Males: 40.7 to 50.3% Females: 36.1 to 44.3%
Hemoglobin (Hb)	8.4 g/dL	Males: 13.8 to 17.2 g/dL Females: 12.1 to 15.1 g/dL
Mean Corpuscular Volume (MCV)	85 fL	80 to 95 fL
RDW (RBC distribution width)	normal	
Total Iron Binding Capacity (TIBC)	220 μ g/dL	240 to 450 μ g/dL
Serum ferritin concentration	148 ng/mL	30-300 ng/mL

Patient 8 Adult Male

Blood Component	Test Result	Normal Values
White Blood Cell (WBC) Count	4800 cells/ μ L	4,500-10,000 cells / μ L
Red Blood Cell (RBC) Count	6.3 million cells/ μ L	Males 4.7 to 6.1 million cells/ μ L Females 4.2 to 5.4 million cells/ μ L
Hematocrit	52 %	Males: 40.7 to 50.3% Females: 36.1 to 44.3%
Hemoglobin (Hb)	13 g/dL	Males: 13.8 to 17.2 g/dL Females: 12.1 to 15.1 g/dL
Mean Corpuscular Volume (MCV)	61 fL	80 to 95 fL
MCV:RBC ratio	11	
RDW (RBC distribution width)	normal	
Total Iron Binding Capacity (TIBC)	400 μ g/dL	240 to 450 μ g/dL
Serum ferritin concentration	78 ng/mL	30-300 ng/mL

Patient 9 Adult Female

Blood Component	Test Result	Normal Values
White Blood Cell (WBC) Count	6800 cells/ μ L	4,500-10,000 cells / μ L
Red Blood Cell (RBC) Count	5.2 million cells/ μ L	Males 4.7 to 6.1 million cells/ μ L Females 4.2 to 5.4 million cells/ μ L
Hematocrit	42 %	Males: 40.7 to 50.3% Females: 36.1 to 44.3%
Hemoglobin (Hb)	13.3 g/dL	Males: 13.8 to 17.2 g/dL Females: 12.1 to 15.1 g/dL
Mean Corpuscular Volume (MCV)	87 fL	80 to 95 fL
RDW (RBC distribution width)	normal	
Total Iron Binding Capacity (TIBC)	400 μ g/dL	240 to 450 μ g/dL
Serum ferritin concentration	114 ng/mL	30-300 ng/mL

Patient 10 Adult Male

Blood Component	Test Result	Normal Values
White Blood Cell (WBC) Count	4700 cells/ μ L	4,500-10,000 cells / μ L
Red Blood Cell (RBC) Count	6.0 million cells/ μ L	Males 4.7 to 6.1 million cells/ μ L Females 4.2 to 5.4 million cells/ μ L
Hematocrit	51%	Males: 40.7 to 50.3% Females: 36.1 to 44.3%
Hemoglobin (Hb)	12.8 g/dL	Males: 13.8 to 17.2 g/dL Females: 12.1 to 15.1 g/dL
Mean Corpuscular Volume (MCV)	74 fL	80 to 95 fL
MCV:RBC ratio	11	
RDW (RBC distribution width)	normal	
Total Iron Binding Capacity (TIBC)	400 μ g/dL	240 to 450 μ g/dL
Serum ferritin concentration	76 ng/mL	30-300 ng/mL